

# United States Patent [19]

Matsuda

[11] Patent Number: 4,580,650

[45] Date of Patent: Apr. 8, 1986

## [54] INDUSTRIAL TRUCK

[75] Inventor: Minoru Matsuda, Tokyo, Japan

[73] Assignee: Nissan Motor Co., Ltd., Yokohama, Japan

[21] Appl. No.: 634,025

[22] Filed: Jul. 24, 1984

### [30] Foreign Application Priority Data

Jul. 28, 1983 [JP] Japan ..... 58-138074

Sep. 2, 1983 [JP] Japan ..... 58-161754

[51] Int. Cl.<sup>4</sup> ..... B62D 39/00

[52] U.S. Cl. .... 180/89.1; 180/326;  
180/330; 280/30; 280/769; 414/629; 414/631;  
414/641; 414/920

[58] Field of Search ..... 180/89.1, 326, 330,  
180/324, 89.13; 280/30, 760, 769; 414/629, 631,  
641, 920

### [56] References Cited

#### U.S. PATENT DOCUMENTS

2,644,540 7/1953 Balzer ..... 180/330  
3,693,744 9/1972 Horn et al. .... 180/330

4,394,107 7/1983 Siebert ..... 414/631  
4,450,925 5/1984 Gardner ..... 180/89.1  
4,504,077 3/1985 Hobbs ..... 414/629

### FOREIGN PATENT DOCUMENTS

58-19872 2/1983 Japan .  
58-23775 2/1983 Japan .  
58-52026 4/1983 Japan .  
58-103960 7/1983 Japan .

Primary Examiner—David M. Mitchell

Assistant Examiner—Kenneth R. Rice

Attorney, Agent, or Firm—Leydig, Voit & Mayer, Ltd.

### [57] ABSTRACT

A main body of an industrial truck is formed with mounting bracket sections to which an instrument assembly and counterweight for a tractor and a mast assembly and counterweight for a forklift truck are selectively mountable, so that the industrial truck serves as the tractor and the forklift truck. Additionally, a top panel having an operator's seat is mounted on the main body in a manner to be turnable end for end in accordance with the intended purposes.

18 Claims, 10 Drawing Figures

